

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Date of Report: 09/08/08

Date Received: 08/18/08

Project: Stormwater, PO M120311, F&BI 808169

Date Analyzed: 08/19/08

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES FOR pH  
USING EPA METHOD 9040C**

Sample ID

Laboratory ID

pH

M120311D

808169-04

7.1

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Date of Report: 09/08/08

Date Received: 08/18/08

Project: Stormwater, PO M120311, F&BI 808169

Date Analyzed: 08/19/08

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES  
FOR TURBIDITY  
USING METHOD SM2130B  
Results Reported as NTU**

| <u>Sample ID</u><br>Laboratory ID | <u>Date<br/>Sampled</u> | <u>Time<br/>Sampled</u> | <u>Turbidity</u> |
|-----------------------------------|-------------------------|-------------------------|------------------|
| M120311D<br>808169-04             | 08/18/08                | 1250                    | 34               |
| Method Blank                      |                         |                         | <0.5             |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 200.8

Client ID: M120311B  
Date Received: 08/18/08  
Date Extracted: 08/19/08  
Date Analyzed: 08/21/08  
Matrix: Water  
Units: ug/L (ppb)

Client: Alaskan Copper Works  
Project: PO M120311, F&BI 808169  
Lab ID: 808169-02  
Data File: 808169-02.009  
Instrument: ICPMS1  
Operator: hr

|                    |             |        |        |
|--------------------|-------------|--------|--------|
| Internal Standard: | % Recovery: | Lower  | Upper  |
| Holmium            | 95          | Limit: | Limit: |
|                    |             | 60     | 125    |

|          |               |
|----------|---------------|
| Analyte: | Concentration |
|          | ug/L (ppb)    |
| Lead     | 28.2          |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 200.8

Client ID: M120311C  
Date Received: 08/18/08  
Date Extracted: 08/19/08  
Date Analyzed: 08/21/08  
Matrix: Water  
Units: ug/L (ppb)

Client: Alaskan Copper Works  
Project: PO M120311, F&BI 808169  
Lab ID: 808169-03  
Data File: 808169-03 .010  
Instrument: ICPMS1  
Operator: hr

|                    |             |        |        |
|--------------------|-------------|--------|--------|
| Internal Standard: | % Recovery: | Lower  | Upper  |
| Germanium          | 106         | Limit: | Limit: |
|                    |             | 60     | 125    |

| Analyte: | Concentration<br>ug/L (ppb) |
|----------|-----------------------------|
|----------|-----------------------------|

|        |          |
|--------|----------|
| Copper | 403      |
| Zinc   | 1,200 jl |

# FRIEDMAN & BRUYA, INC.

## ENVIRONMENTAL CHEMISTS

### Analysis For Total Metals By EPA Method 200.8

Client ID: Method Blank  
Date Received: NA  
Date Extracted: 08/19/08  
Date Analyzed: 08/21/08  
Matrix: Water  
Units: ug/L (ppb)

Client: Alaskan Copper Works  
Project: PO M120311, F&BI 808169  
Lab ID: I8-322 mb  
Data File: I8-322 mb.008  
Instrument: ICPMS1  
Operator: hr

| Internal Standard: | % Recovery: | Lower Limit: | Upper Limit: |
|--------------------|-------------|--------------|--------------|
| Germanium          | 97          | 60           | 125          |
| Holmium            | 97          | 60           | 125          |

| Analyte: | Concentration<br>ug/L (ppb) |
|----------|-----------------------------|
| Copper   | <1                          |
| Zinc     | <1 jl                       |
| Lead     | <1                          |

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Date of Report: 09/08/08

Date Received: 08/18/08

Project: Stormwater, PO M120311, F&BI 808169

**QUALITY ASSURANCE RESULTS  
FROM THE ANALYSIS OF WATER SAMPLES  
FOR pH BY METHOD 9040C**

Laboratory Code: 808169-04 (Duplicate)

| Analyte | Sample<br>Result | Duplicate<br>Result | Relative Percent<br>Difference | Acceptance<br>Criteria |
|---------|------------------|---------------------|--------------------------------|------------------------|
| pH      | 7.10             | 7.20                | 1.4                            | 0-20                   |

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Date of Report: 09/08/08

Date Received: 08/18/08

Project: Stormwater, PO M120311, F&BI 808169

**QUALITY ASSURANCE RESULTS  
FROM THE ANALYSIS OF WATER SAMPLES FOR TURBIDITY  
USING METHOD SM2130B**

Laboratory Code: 808169-04 (Duplicate)

| Analyte   | Reporting<br>Units | Sample<br>Result | Duplicate<br>Result | Relative<br>Percent<br>Difference | Acceptance<br>Criteria |
|-----------|--------------------|------------------|---------------------|-----------------------------------|------------------------|
| Turbidity | NTU                | 33.8             | 33.3                | 1                                 | 0-20                   |



**FRIEDMAN & BRUYA, INC.****ENVIRONMENTAL CHEMISTS**

Date of Report: 09/08/08

Date Received: 08/18/08

Project: Stormwater, PO M120311, F&amp;BI 808169

**QUALITY ASSURANCE RESULTS  
FOR THE ANALYSIS OF WATER SAMPLES  
FOR TOTAL METALS USING EPA METHOD 200.8**

Laboratory Code: 808161-01 (Duplicate)

| Analyte | Reporting Units | Sample Result | Duplicate Result | Relative Percent Difference | Acceptance Criteria |
|---------|-----------------|---------------|------------------|-----------------------------|---------------------|
| Copper  | ug/L (ppb)      | 1.04          | <1               | nm                          | 0-20                |
| Zinc    | ug/L (ppb)      | 2.52          | 2.48             | 2                           | 0-20                |
| Lead    | ug/L (ppb)      | <1            | <1               | nm                          | 0-20                |

Laboratory Code: 808161-01 (Matrix Spike)

| Analyte | Reporting Units | Spike Level | Sample Result | Percent Recovery MS | Acceptance Criteria |
|---------|-----------------|-------------|---------------|---------------------|---------------------|
| Copper  | ug/L (ppb)      | 20          | 1.04          | 92                  | 50-150              |
| Zinc    | ug/L (ppb)      | 50          | 2.52          | 95                  | 50-150              |
| Lead    | ug/L (ppb)      | 10          | <1            | 104                 | 50-150              |

Laboratory Code: Laboratory Control Sample

| Analyte | Reporting Units | Spike Level | Percent Recovery LCS | Acceptance Criteria |
|---------|-----------------|-------------|----------------------|---------------------|
| Copper  | ug/L (ppb)      | 20          | <1                   | 70-130              |
| Zinc    | ug/L (ppb)      | 50          | 65 vo                | 70-130              |
| Lead    | ug/L (ppb)      | 10          | 99                   | 70-130              |



**Data Qualifiers & Definitions**

- a - The analyte was detected at a level less than five times the reporting limit. The RPD results may not provide reliable information on the variability of the analysis.
- A1 - More than one compound of similar molecule structure was identified with equal probability.
- b - The analyte was spiked at a level that was less than five times that present in the sample. Matrix spike recoveries may not be meaningful.
- ca - The calibration results for this range fell outside of acceptance criteria. The value reported is an estimate.
- c - The presence of the analyte indicated may be due to carryover from previous sample injections.
- d - The sample was diluted. Detection limits may be raised due to dilution.
- ds - The sample was diluted. Detection limits are raised due to dilution and surrogate recoveries may not be meaningful.
- dv - Insufficient sample was available to achieve normal reporting limits and limits are raised accordingly.
- fb - The analyte indicated was found in the method blank. The result should be considered an estimate.
- fc - The compound is a common laboratory and field contaminant.
- hr - The sample and duplicate were reextracted and reanalyzed. RPD results were still outside of control limits. The variability is attributed to sample inhomogeneity.
- ht - The sample was extracted outside of holding time. Results should be considered estimates.
- ip - Recovery fell outside of normal control limits. Compounds in the sample matrix interfered with the quantitation of the analyte.
- j - The result is below normal reporting limits. The value reported is an estimate.
- J - The internal standard associated with the analyte is out of control limits. The reported concentration is an estimate.
- jl - The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
- jr - The rpd result in laboratory control sample associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- js - The surrogate associated with the analyte is out of control limits. The reported concentration should be considered an estimate.
- lc - The presence of the compound indicated is likely due to laboratory contamination.
- L - The reported concentration was generated from a library search.
- nm - The analyte was not detected in one or more of the duplicate analyses. Therefore, calculation of the RPD is not applicable.
- pc - The sample was received in a container not approved by the method. The value reported should be considered an estimate.
- pr - The sample was received with incorrect preservation. The value reported should be considered an estimate.
- ve - The value reported exceeded the calibration range established for the analyte. The reported concentration should be considered an estimate.
- vo - The value reported fell outside the control limits established for this analyte.
- x - The pattern of peaks present is not indicative of diesel.
- y - The pattern of peaks present is not indicative of motor oil.

# **FRIEDMAN & BRUYA, INC.**

## **ENVIRONMENTAL CHEMISTS**

### **CASE NARRATIVE**

This case narrative encompasses samples received on August 18, 2008 by Friedman & Bruya, Inc. from the Alaskan Copper Works Stormwater, PO M120311, F&BI 808169 project. Samples were logged in under the laboratory ID's listed below.

| <b><u>Laboratory ID</u></b> | <b><u>Alaskan Copper Works</u></b> |
|-----------------------------|------------------------------------|
| 808169-01                   | M120311A                           |
| 808169-02                   | M120311B                           |
| 808169-03                   | M120311C                           |
| 808169-04                   | M120311D                           |

Sample M120311A was sent to Aquatic Research for oil and grease analysis. In addition, sample M120311B was sent to Aquatic Research for hardness analysis. Review of the enclosed report indicates that all quality assurance was acceptable.

All quality control requirements were acceptable.



**AQUATIC RESEARCH INCORPORATED**  
**LABORATORY & CONSULTING SERVICES**  
3927 AURORA AVENUE NORTH, SEATTLE, WA 98103  
PHONE: (206) 632-2715 FAX: (206) 632-2417

|  |                  |                                       |
|--|------------------|---------------------------------------|
| <b>CASE FILE NUMBER:</b>   | <b>FBI002-84</b> | <b>PAGE 1</b>                         |
| <b>REPORT DATE:</b>  | <b>09/02/08</b>  |                                       |
| <b>DATE SAMPLED:</b>   | <b>08/18/08</b>  | <b>DATE RECEIVED:</b> <b>08/20/08</b> |
| <b>FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER</b> |                  |                                       |
| <b>SAMPLES FROM FRIEDMAN &amp; BRUYA, INC. / PROJECT NO. 808169</b>      |                  |                                       |

**CASE NARRATIVE**

Two water samples were received by the laboratory in good condition. Analysis was performed according to the chain of custody received with the samples. No difficulties were encountered in the preparation or analysis of these samples. Sample data follows while QA/QC data is contained on the following page.

**SAMPLE DATA**

| SAMPLE ID | FOG<br>(mg/l) | HARDNESS<br>(mgCaCO3/l) |
|-----------|---------------|-------------------------|
| M120311A  | 12.6          |                         |
| M120311B  |               | 76.0                    |



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| <b>SAMPLES FROM FRIEDMAN &amp; BRUYA, INC. / PROJECT NO. 808169</b>      |                  |                                |

**QA/QC DATA**

| QC PARAMETER    | FOG<br>(mg/l) | HARDNESS<br>(mgCaCO <sub>3</sub> /l) |
|-----------------|---------------|--------------------------------------|
| METHOD          | EPA 1664      | EPA 130.2                            |
| DATE ANALYZED   | 08/29/08      | 08/29/08                             |
| DETECTION LIMIT | 2.00          | 2.00                                 |
| DUPLICATE       |               |                                      |
| SAMPLE ID       |               | BATCH                                |
| ORIGINAL        |               | 49.3                                 |
| DUPLICATE       |               | 49.6                                 |
| RPD             | NA            | 0.79%                                |
| SPIKE SAMPLE    |               |                                      |
| SAMPLE ID       |               | BATCH                                |
| ORIGINAL        |               | 49.3                                 |
| SPIKED SAMPLE   |               | 68.6                                 |
| SPIKE ADDED     |               | 20.0                                 |
| % RECOVERY      | NA            | 96.74%                               |
| QC CHECK        |               |                                      |
| FOUND           | 7.50          | 39.5                                 |
| TRUE            | 8.00          | 40.0                                 |
| % RECOVERY      | 93.75%        | 98.70%                               |
| BLANK           | <2.00         | <2.00                                |

RPD = RELATIVE PERCENT DIFFERENCE

NA = NOT APPLICABLE OR NOT AVAILABLE

NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.

OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TO LOW RELATIVE TOO SAMPLE CONCENTRATION

**SUBMITTED BY:**

Steven Lazoff  
 Laboratory Director

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.  
Charlene Morrow, M.S.  
Yelena Aravkina, M.S.  
Bradley T. Benson, B.S.  
Kurt Johnson, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
TEL: (206) 285-8282  
FAX: (206) 283-5044  
e-mail: fbi@isomedia.com

 DUPLICATE

September 8, 2008

INVOICE #08ACU0908-1

Accounts Payable  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

RE: Project Stormwater, PO M120311, F&BI 808169 - Results of testing requested  
by Gerry Thompson for material submitted on August 18, 2008.

|  |              |
|--|--------------|
| 1 sample analyzed for Turbidity<br>by Method SM214A @ \$22 per sample      | \$ 22.00     |
| 1 sample analyzed for Total Zn and Cu<br>by Method 200.8 @ \$50 per sample | 50.00        |
| 1 sample analyzed for pH<br>by Method 9040C @ \$25 per sample              | 25.00        |
| 1 sample analyzed for Oil and Grease<br>by Method 1664 @ \$85 per sample   | 85.00        |
| 1 sample analyzed for Total Lead<br>by Method 200.8 @ \$30 per sample      | 30.00        |
| 1 sample analyzed for Hardness<br>by Method SM2340 @ \$35 per sample       | <u>35.00</u> |
| Amount Due .....   | \$ 247.00    |

FEDERAL TAX ID #(b) (6)

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

James E. Bruya, Ph.D.  
Charlene Morrow, M.S.  
Yelena Aravkina, M.S.  
Bradley T. Benson, B.S.  
Kurt Johnson, B.S.

3012 16th Avenue West  
Seattle, WA 98119-2029  
TEL: (206) 285-8282  
FAX: (206) 283-5044  
e-mail: fbi@isomedia.com

September 8, 2008

Gerry Thompson, Project Manager  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

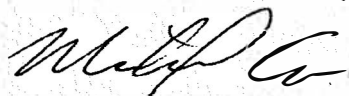
Dear Mr. Thompson:

Included are the results from the testing of material submitted on August 18, 2008 from the Stormwater, PO M120311, F&BI 808169 project. There are 10 pages included in this report. Any samples that may remain are currently scheduled for disposal in 30 days. If you would like us to return your samples or arrange for long term storage at our offices, please contact us as soon as possible.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Michael Erdahl  
Project Manager

Enclosures  
ACU0908R.DOC

**AQUATIC RESEARCH INCORPORATED****LABORATORY & CONSULTING SERVICES****3927 AURORA AVENUE NORTH, SEATTLE, WA 98103****PHONE: (206) 632-2715 FAX: (206) 632-2417**

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| <b>SAMPLES FROM FRIEDMAN &amp; BRUYA, INC. / PROJECT NO. 808169</b>      |                  |                                |

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**SAMPLE DATA**

| SAMPLE ID | FOG<br>(mg/l) | HARDNESS<br>(mgCaCO3/l) |
|-----------|---------------|-------------------------|
| M120311A  | 12.6          |                         |
| M120311B  |               | 76.0                    |





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| <b>FINAL REPORT, LABORATORY ANALYSIS OF SELECTED PARAMETERS ON WATER</b> |                  |                                |
| <b>SAMPLES FROM FRIEDMAN &amp; BRUYA, INC. / PROJECT NO. 808169</b>      |                  |                                |

## QA/QC DATA

| QC PARAMETER    | FOG<br>(mg/l) | HARDNESS<br>(mgCaCO3/l) |
|-----------------|---------------|-------------------------|
| METHOD          | EPA 1664      | EPA 130.2               |
| DATE ANALYZED   | 08/29/08      | 08/29/08                |
| DETECTION LIMIT | 2.00          | 2.00                    |
| DUPLICATE       |               |                         |
| SAMPLE ID       |               | BATCH                   |
| ORIGINAL        |               | 49.3                    |
| DUPLICATE       |               | 49.6                    |
| RPD             | NA            | 0.79%                   |
| SPIKE SAMPLE    |               |                         |
| SAMPLE ID       |               | BATCH                   |
| ORIGINAL        |               | 49.3                    |
| SPIKED SAMPLE   |               | 68.6                    |
| SPIKE ADDED     |               | 20.0                    |
| % RECOVERY      | NA            | 96.74%                  |
| QC CHECK        |               |                         |
| FOUND           | 7.50          | 39.5                    |
| TRUE            | 8.00          | 40.0                    |
| % RECOVERY      | 93.75%        | 98.70%                  |
| BLANK           | < 2.00        | < 2.00                  |

RPD = RELATIVE PERCENT DIFFERENCE.

NA = NOT APPLICABLE OR NOT AVAILABLE.

NC = NOT CALCULABLE DUE TO ONE OR MORE VALUES BEING BELOW THE DETECTION LIMIT.

OR = RECOVERY NOT CALCULABLE DUE TO SPIKE SAMPLE OUT OF RANGE OR SPIKE TOO LOW RELATIVE TO SAMPLE CONCENTRATION.

SUBMITTED BY:

*Steven Lazoff*  
Steven Lazoff  
Laboratory Director

# SUBCONTRACT SAMPLE CHAIN OF CUSTODY

Send Report To Michael Erdahl  
 Company Friedman and Bruya, Inc.  
 Address 3012 16th Ave W  
 City, State, ZIP Seattle, WA 98119  
 Phone # (206) 285-8282 Fax # (206) 283-5044

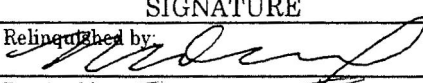
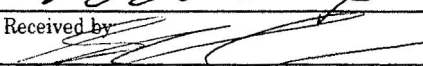
|  |                       |
|--|-----------------------|
| SUBCONTRACTER  |                       |
| PROJECT NAME/NO.<br><u>808169</u>  | PO #<br><u>H-1516</u> |
| REMARKS<br><br>Please Email Results<br><u>merdahl@friedmanandbruya.com</u> |                       |

Page # 1 of 1

|  |
|--|
| TURNAROUND TIME<br><input checked="" type="checkbox"/> Standard (2 Weeks)<br><input type="checkbox"/> RUSH<br>Rush charges authorized by:                            |
| SAMPLE DISPOSAL<br><input type="checkbox"/> Dispose after 30 days<br><input type="checkbox"/> Return samples<br><input type="checkbox"/> Will call with instructions |

| Sample ID | Lab ID | Date Sampled | Time Sampled | Matrix | # of jars | ANALYSES REQUESTED |     |     |         |         |            |          |  |  |  | Notes |
|-----------|--------|--------------|--------------|--------|-----------|--------------------|-----|-----|---------|---------|------------|----------|--|--|--|-------|
|           |        |              |              |        |           | Oil and Grease     | EPH | VPH | Nitrate | Sulfate | Alkalinity | Hardness |  |  |  |       |
| M120311A  |        | 8/18/06      | 12:50        | W      | 1         | X                  |     |     |         |         |            |          |  |  |  |       |
| M120311B  |        | ↓            | ↓            | W      | 1         |                    |     |     |         |         |            | X        |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |
|           |        |              |              |        |           |                    |     |     |         |         |            |          |  |  |  |       |

Friedman & Bruya, Inc.  
 3012 16th Avenue West  
 Seattle, WA 98119-2029  
 Ph. (206) 285-8282  
 Fax (206) 283-5044

| SIGNATURE  | PRINT NAME        | COMPANY          | DATE    | TIME |
|--|-------------------|------------------|---------|------|
| Relinquished by:  | Michael Erdahl    | Friedman & Bruya | 8/19/06 | 1:45 |
| Received by:      | S. W. L. S. C. R. | MRE              | 8/20/08 | 1:00 |
| Relinquished by:   |                   |                  |         |      |
| Received by:   |                   |                  |         |      |

808169

## SAMPLE CHAIN OF CUSTODY

ME 08/18/08

AIG

Send Report To

Gerald Thompson

Company

ALASKAN Copper Works

Address

628 S. Harvard St

City, State, ZIP

Seattle WA 98134

Phone #

206-571-6033

Fax #

206-782-4309

SAMPLERS (signature)

PROJECT NAME/NO.

STORMWATER

PO #

M120311

REMARKS

Page # of

TURNAROUND TIME

☐ Standard (2 Weeks)☐ RUSH

Rush charges authorized by:

SAMPLE DISPOSAL

☐ Dispose after 30 days☐ Return samples☐ Will call with instructions

| Sample ID | Lab ID | Date    | Time  | Sample Type      | # of containers | ANALYSES REQUESTED |              |               |              |               |     |              |                 |             |              | Notes     |
|-----------|--------|---------|-------|------------------|-----------------|--------------------|--------------|---------------|--------------|---------------|-----|--------------|-----------------|-------------|--------------|-----------|
|           |        |         |       |                  |                 | TPH-Diesel         | TPH-Gasoline | BTEX by 8021B | VOCs by 8260 | SVOCs by 8270 | HFS | ox. iGnessse | Hydroc. from Pb | total Cu/Zn | pH/Turbidity |           |
| M120311A  | 01     | 8/18/08 | 12:50 | H <sub>2</sub> O | 1               |                    |              |               |              |               |     | X            |                 |             |              | (Fog)     |
| M120311B  | 02     | 8/18/08 | 12:50 | H <sub>2</sub> O | 1               |                    |              |               |              |               |     |              | X               |             |              | (P) (H)   |
| M120311C  | 03     | 8/18/08 | 12:50 | H <sub>2</sub> O | 1               |                    |              |               |              |               |     |              |                 | X           |              | (Cu) (Zn) |
| M120311D  | 04     | 8/18/08 | 12:50 | H <sub>2</sub> O | 1               |                    |              |               |              |               |     |              |                 | X           |              | (pH) (T)  |
|           |        |         |       |                  |                 |                    |              |               |              |               |     |              |                 |             |              |           |
|           |        |         |       |                  |                 |                    |              |               |              |               |     |              |                 |             |              |           |
|           |        |         |       |                  |                 |                    |              |               |              |               |     |              |                 |             |              |           |

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FORMS\COC\COC.DOC

SIGNATURE

Relinquished by:

Received by:

Relinquished by:

Received by:

PRINT NAME

Gerald Thompson

Khan Phan

COMPANY

ACW

FeB.T

DATE

8/18/08

8/18/08

TIME

2:26pm

2:26

Samples received at 22°C

AKC-0006118